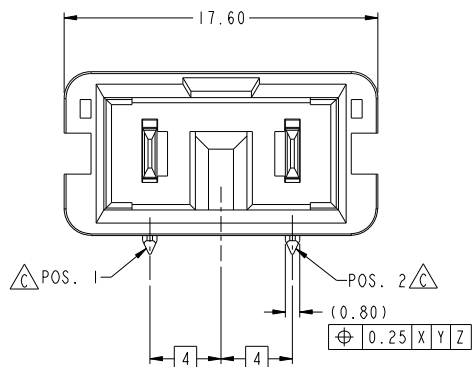
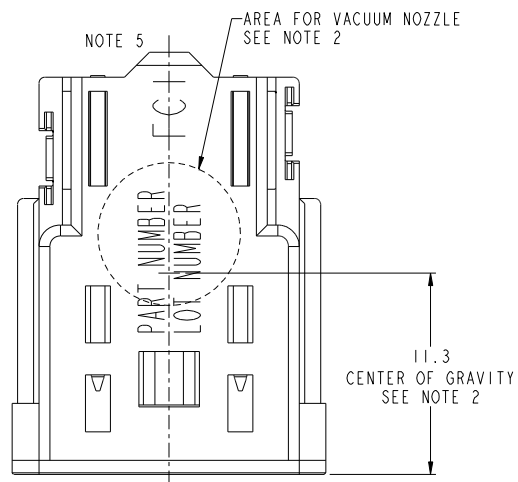
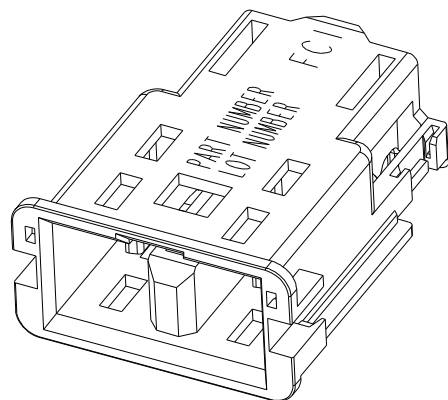
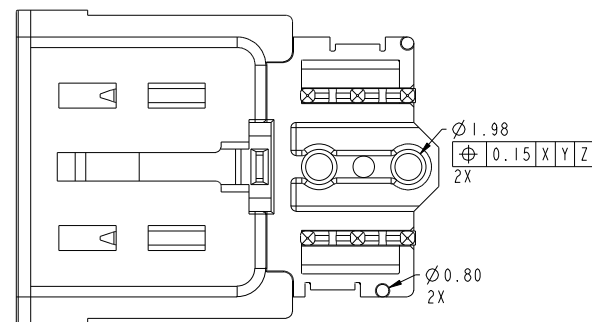
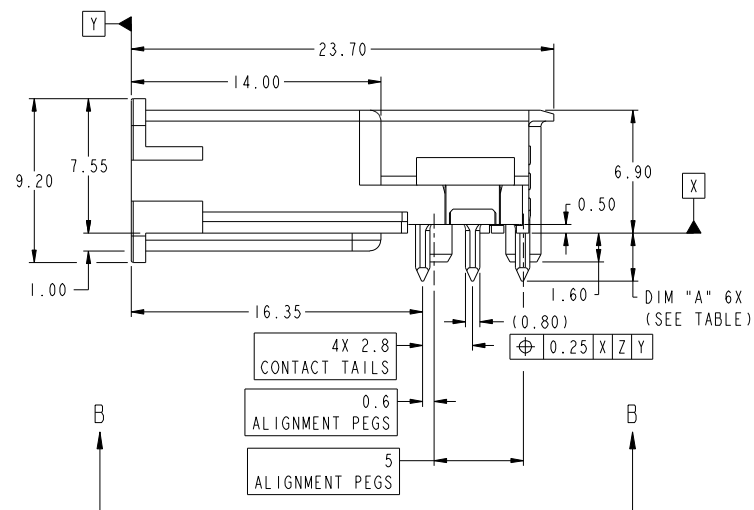




| PART NUMBER    | DIM "A" | PCB THICKNESS        | CONTACT FINISH |
|----------------|---------|----------------------|----------------|
| 10101229-10ILF | 2.6     | 1.6-2.4mm $\pm 10\%$ | NOTE 4         |
| 10101229-20ILF | 2.6     | 1.6-2.4mm $\pm 10\%$ | Sn over Ni     |
| 10101229-102LF | 3.4     | 3.2mm $\pm 10\%$     | NOTE 4         |
| 10101229-202LF | 3.4     | 3.2mm $\pm 10\%$     | Sn over Ni     |



VIEW B-B



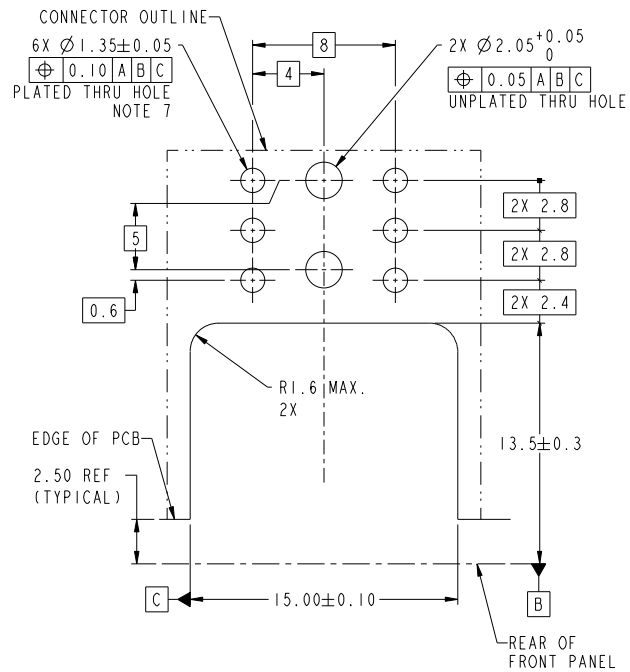
# NOTES:

- HOUSING MATERIAL: HIGH TEMPERATURE GLASS FILLED THERMOPLASTIC, UL 94 V-0  
POWER CONTACT MATERIAL: COPPER ALLOY
- CONNECTOR CAN BE PICKED UP WITH A VACUUM NOZZLE DIAMETER UP TO 8 MM.  
ESTIMATED MASS OF THE PRODUCT IS 2.2 GRAM.
- PRODUCT SPECIFICATION: GS-12-589
- FOR THIS DASH NUMBER, THE SEPARABLE INTERFACE INCLUDES 0.76 UM OF PERFORMANCE-BASED  
PLATING QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-589
- PRODUCT MARKING, (PART NUMBER & LOT CODE) ON THIS SURFACE.
- MATES WITH PWR PROFILE(TM) CABLE ASSEMBLY (P/N:10076440/10090232/10090233)
- HOLE DIAMETER INCLUDES Cu PLATING

|                                       |  |  |  |                 |               |                |            |
|---------------------------------------|--|--|--|-----------------|---------------|----------------|------------|
| www.fciconnect.com                    |  |  |  | surface         | tolerance std | projection     | MM         |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |  |  |  | ANGULAR         | LINEAR        | size           | Scale      |
| Dr Warren Du 2009-05-11               |  |  |  | 0.X             | $\pm 0.5$     | A2             | 3:1        |
| Eng Warren Du 2009-05-11              |  |  |  | 0.XX            | $\pm 0.25$    | ECN            | -          |
| Chr PM ZHENG 2009-05-11               |  |  |  | 0.XXX           | $\pm 0.10$    | Product family | PwrProfile |
| Appr Joseph Hsia 2009-05-11           |  |  |  | Spec ref        |               | 10101229       | C          |
| FCI                                   |  |  |  | R/A Header, PIP |               | REV.           |            |
| PWR PROFILE, 20 AMP                   |  |  |  | Customer        |               | sheet 1 of 3   |            |
| catalog no                            |  |  |  | -               |               | -              |            |

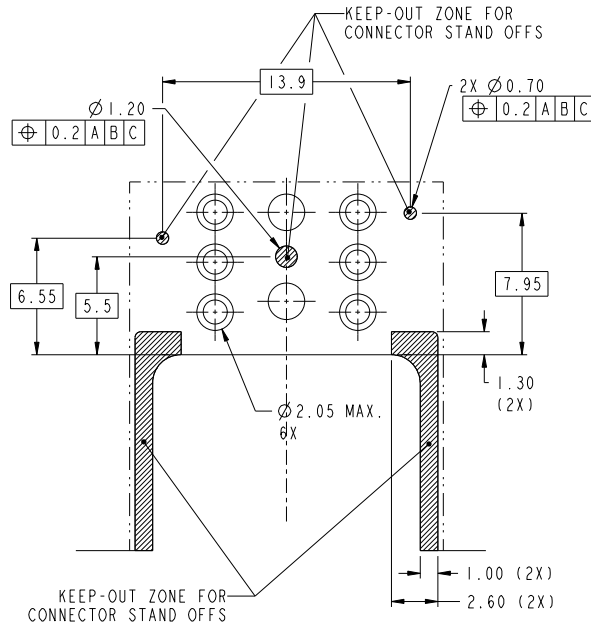
# PCB LAYOUT: HOLE PATTERN

PCB THICKNESS: SEE TABLE ON SHEET 1



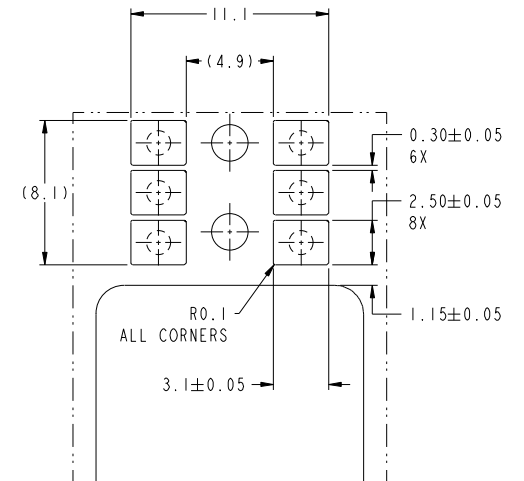
# PCB LAYOUT: PLATING

PLATING THICKNESS MUST BE CONSTANT  
OVER THE CONNECTOR AREA

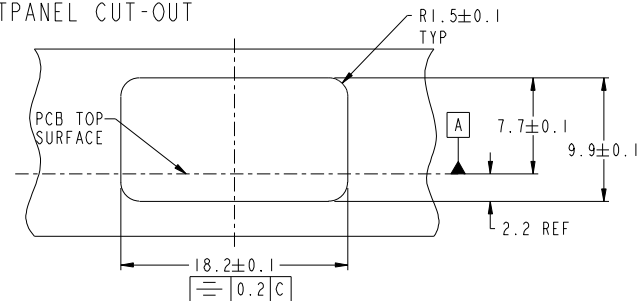


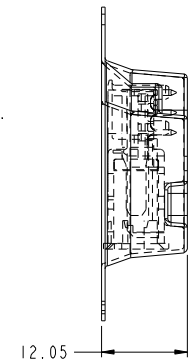
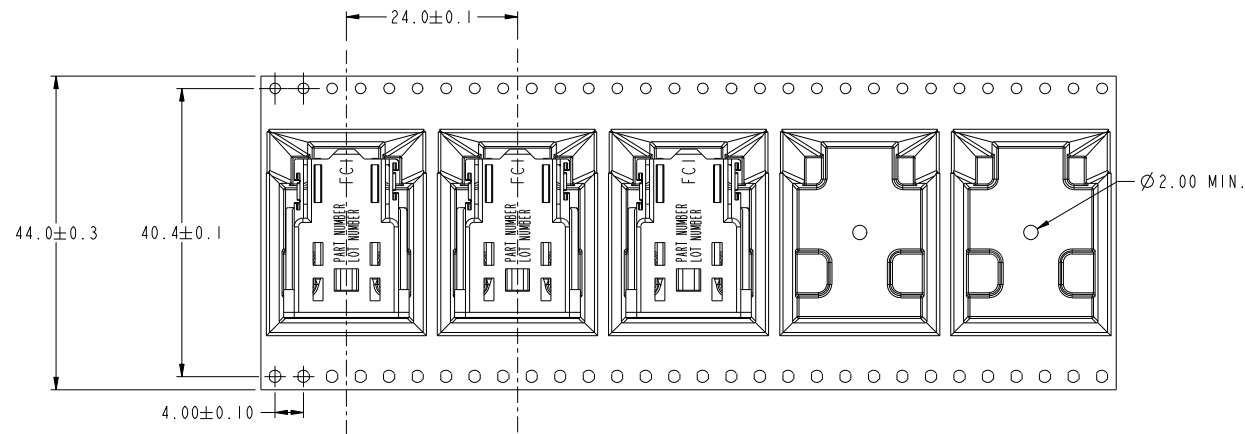
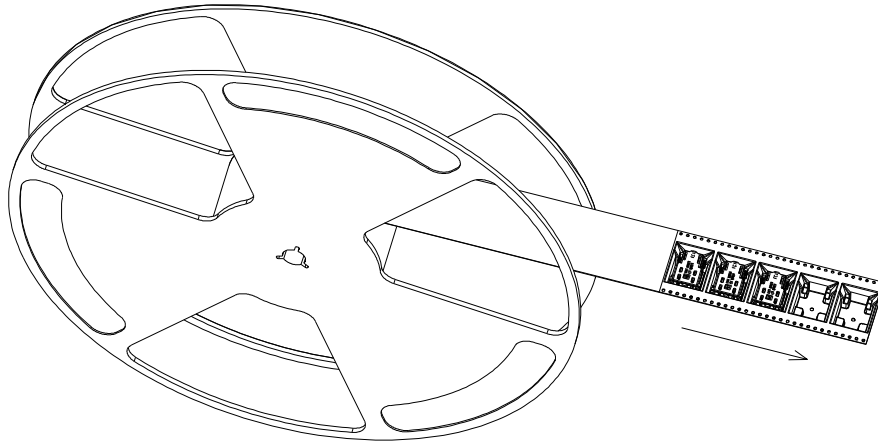
# PCB LAYOUT: SOLDER PASTE

RECOMMENDED STENCIL LAYOUT WITH MIN. REQUIRED APERTURES  
FOR 0.1MM ASSUMED STENCIL THICKNESS (ABOVE COPPER TRACKS)  
AND 1.6 TO 2.4MM NOMINAL THICKNESS.  
THE SOLDER CONTENT IN THE PASTE SHOULD BE SUFFICIENT,  
TYPICALLY 50% VOLUME PERCENTAGE.  
THE SCREEN PRINTING PROCESS (ANGLE, SPEED, PRESSURE,  
MATERIALS AND NUMBER OF CYCLES) MUST BE OPTIMIZED SO  
THAT SUFFICIENT SOLDER IS AVAILABLE.



# RECOMMENDED FRONTPANEL CUT-OUT





USER DIRECTION OF FEED

NOTE:  
 1: MATERIAL CARRIER TAPE: POLYSTYRENE;  
 2: MATERIAL COVER TAPE: POLYESTER;  
 3: THE PACKAGING IS ANTISTATIC TREATED.

Copyright FCI.

|     |            |                     |        |              |      |
|-----|------------|---------------------|--------|--------------|------|
| FCI | title      | R/A Header, PIP     | dwg no | 10101229     | Rev. |
|     |            | PWR PROFILE, 20 AMP |        |              | C    |
|     | catalog no |                     |        | sheet 3 of 3 |      |

PDM: Rev:C

STATUS Released

Printed: Oct 27, 2010